

# Design Document: Avoid lost searches

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## OBJECTIVE

To improve user experience, and save user from situation with not getting result for searches when user is not logged in from before.

## BACKGROUND

Currently, when a user do a first search without having a token for spotify in the jammming application. The user is forwarded to spotify login to get an access token, at the redirect back to jammming application the previous search term is lost, and its search result is not shown. Hence user need to type in same search string again to get the actual search result. A user can accept the need to login, but not the need to write first search term twice.

## TECHNICAL DESIGN

When access token for spotify API does not exist in the solution, a login button shall be shown in GUI instead of the search bar. With a text explaining that one need to login before search is possible. At click on the login button, user is forwarded to spotify login page in same way as before, and later when access token is retrieved the existing search field is shown.

1. Change search bar implementation to show login button instead of search bar, if and only if token does not exist.
2. New button for login, execute `getAccessToken` when it is clicked. After login user shall see app page with search field as token shall exist in the app at this point

## **CAVEATS**

An alternative would be to not implement the login button but rather make sure the search string is not lost when access token is retrieved in current implementation.

1. This is for now evaluated as an more complex implementation than what is suggested in this feature request
2. User experience is evaluated to be more or less the same in both alternatives